

There has not been enough planning done to make sure broadband transmissions over power lines can coexist with shortwave band receivers used in the HF portion of the radio spectrum. When broadband is transmitted over cable and telephone lines, the signal is not radiated into the airwaves. However, these transmissions over power lines radiate freely and cause interference to radios designed to receive broadcasts from other countries and distant radio stations such as used by amateur radio operators for disaster communications and public service. There are plenty of other options available to internet service providers. Power lines are not designed for broadband transmissions and should not be used.